

STATE ENGINEER  
Salem, Oregon

*Union 1743*  
**UNION 1743 Well Record**

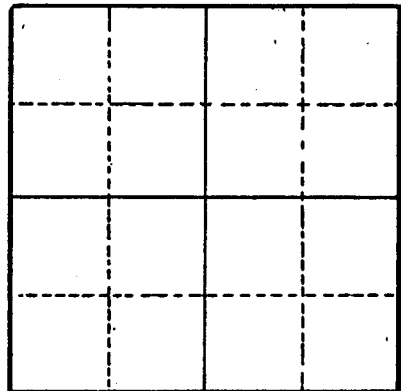
STATE WELL NO. 1N/39-22B(1)  
COUNTY Union  
APPLICATION NO. \_\_\_\_\_

OWNER: City of Elgin MAILING ADDRESS: \_\_\_\_\_

LOCATION OF WELL: Owner's No. #3 CITY AND STATE: \_\_\_\_\_

N. E.  
NW NE SW SE Sec. 22 T. 1 R. 39, W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_



Section 22

Altitude at well 2,550'

TYPE OF WELL: Dr. Date Constructed \_\_\_\_\_

Depth drilled 655' Depth cased 620'

**CASING RECORD:**

Bottom of 20" at 61' 10"  
" " 16" 429' 0"  
" " 12" 620' 0"

**FINISH:**

**AQUIFERS:**

*BASALT from 618 to 657*

**WATER LEVEL:**

Flows

PUMPING EQUIPMENT: Type Turbine H.P. \_\_\_\_\_  
Capacity 1095 G.P.M.

**WELL TESTS:**

Drawdown 87 ft. after \_\_\_\_\_ hours 1095 G.P.M.  
Drawdown 27 ft. after \_\_\_\_\_ hours 500 G.P.M.

USE OF WATER Municipal Temp. \_\_\_\_\_ °F., 19\_\_\_\_

SOURCE OF INFORMATION U.S.G.S. & Log

DRILLER or DIGGER \_\_\_\_\_

**ADDITIONAL DATA:**

Log  Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

**REMARKS:**

*PUMPED 1095 gpm, drawdown 87 FT; 552 gpm, DRAWDOWN 27 FT; FLOWS 500 gpm WHEN NOT PUMPED.*

**CITY OF ELGIN**  
 ELGIN, OREGON

**RECEIVED**  
 DEC 15 1949  
 STATE ENGINEER  
 SALEM, OREGON

LOG OF  
 WELL NO. 3

| <u>From</u> | <u>To</u> | <u>In Feet</u> | <u>Material</u>             | <u>Depth of</u><br><u>Material In Feet</u> |
|-------------|-----------|----------------|-----------------------------|--|
| 0           | 38        |                | Gravel and boulders         | 38   |
| 38          | 65        |                | Blue clay and gravel        | 27   |
| 65          | 70        |                | Gravel                      | 5  |
| 70          | 115       |                | Clay and gravel             | 45   |
| 115         | 145       |                | Brown clay and gravel       | 30   |
| 145         | 148       |                | Yellow clay, some gravel    | 3  |
| 148         | 201       |                | Yellow sticky clay          | 53   |
| 201         | 298       |                | Blue clay                   | 97   |
| 298         | 306       |                | Shell rock                  | 8  |
| 306         | 335       |                | Blue clay                   | 29   |
| 335         | 364       |                | Yellow and green clay       | 29   |
| 364         | 390       |                | Greenish blue clay          | 26   |
| 390         | 394       |                | Mica, silt and sandy slime  | 4  |
| 394         | 410       |                | Sticky blue clay            | 16   |
| 410         | 417       |                | White clay                  | 7  |
| 417         | 428       |                | Blue clay                   | 11   |
| 428         | 480       |                | Sandy blue clay             | 52   |
| 480         | 560       |                | Sticky blue clay            | 80   |
| 560         | 568       |                | Basalt rock                 | 8  |
| 568         | 618       |                | Blue clay                   | 50   |
| 618         | 643       |                | Basalt, (Flowing water)     | 25   |
| 643         | 651       |                | Cinder rock (Flowing water) | 8  |
| 651         | 655       |                | Hard basalt                 | 4  |

Bottom of 20" casing at 61' 10"

" " 16" " 429' 0"

" " 12" " 620' 0"